



Step-by-Step Solutions
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FROM THE MAKERS OF WOLFRAM LANGUAGE AND MATHEMATICA



WolframAlpha

$$\int_0^{\infty} \frac{\sin x}{x} e^{(-x^2)} dx$$



Assuming "e" is a mathematical constant

Definite integral

$$\int_0^{\infty} \frac{\sin(x) e^{-x^2}}{x} dx = \frac{1}{2} \pi \operatorname{erf}\left(\frac{1}{2}\right) \approx$$

0.817599296165926009442985716649960746875327183178186398457538606˚.
51354050765699321292812741847678444639820628085122117791715963379˚.
29257450665401595158755434599259627849289656456911484131170440915˚.
72875542984338108740719692422064236548543486377990620779961223840˚.
60036064696987549602631493091282538153772067195102620821418702119˚.
23255183865308837570939200420355361920533978256320840350887240547˚.
21032619518451798684342640295959994715914892845789166094523984947˚.
83124603161795862315713275885688120875721610342265793121999410297˚.
51134263223371775160341785968268274759492444147892996503145971810˚.
00845213576382458173401173413913440809098901117455535517895548753˚.
03939988296566610783571534861517260016648131051426487340456025566˚.
83064097775361068996611405567257337330945471397396732612420674121˚.
541580497876468804719



Fewer digits



POWERED BY THE WOLFRAM LANGUAGE

Related Queries:

series of (sin(x) e^(-x^2))/x at x=0



series of int (sin(x) e^(-x^2))/x dx



limit of (sin(x) e^(-x^2))/x as x -> +infinity



laptops (consumer products)



d^2/dx^2 ((sin(x) e^(-x^2))/x)



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